

Rabbit Akt2 Polyclonal Antibody | anti-Akt2 antibody

Mouse Akt2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289680	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

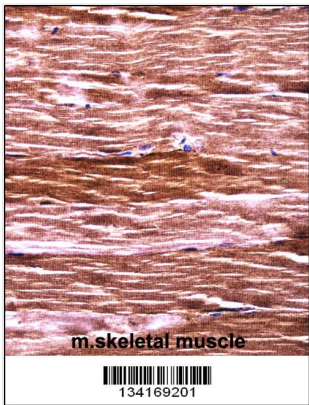
PRODUCT SYNONYMS

Akt2; Polyclonal Antibody; Mouse Akt2 Antibody (N-term); RAC-beta serine/threonine-protein kinase; Protein kinase Akt-2; Protein kinase B beta; PKB beta; RAC-PK-beta; anti-Akt2 antibody

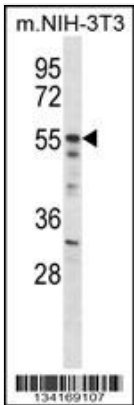
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Akt2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-122 amino acids from the N-terminal region of mouse Akt2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	93-122
Sequence Length	481
Applicable Applications for anti-Akt2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

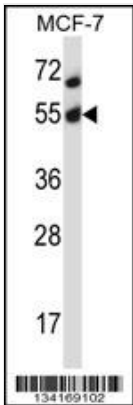
IMAGES



IHC (Immunohistochemisry)
Mouse Akt2 Antibody (N-term) (AAA289680)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Akt2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Akt2 Antibody (N-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the Akt2 antibody detected the Akt2 protein (arrow).



WB (Western Blot)
Mouse Akt2 Antibody (N-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the Akt2 antibody detected the Akt2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Akt2 antibody	General protein kinase capable of phosphorylating several known proteins.
Product Categories/Family for anti-Akt2 antibody	Cancer; Cardiovascular; Signal transduction
References	Zhou, F., et al. Am. J. Pathol. 177(4):2124-2133(2010) Mouton, V., et al. Biochem. J. 431(2):267-275(2010) Lazorchak, A.S., et al. Mol. Cell 39(3):433-443(2010) Goncalves, M.D., et al. PLoS ONE 5 (9), E12707 (2010) : Rotte, A., et al. Cell. Physiol. Biochem. 25(6):695-704(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	158937315
NCBI GeneID	11652
NCBI Accession #	NP_001103678.1; NP_031460.1
NCBI GenBank Nucleotide #	NM_001110208.1
UniProt Accession #	Q60823
Molecular Weight	55742

NCBI Official Full Name	RAC-beta serine/threonine-protein kinase
NCBI Official Synonym Full Names	thymoma viral proto-oncogene 2
NCBI Official Symbol	Akt2
NCBI Official Synonym Symbols	PKB; PKBbeta; AW554154; 2410016A19Rik
NCBI Protein Information	RAC-beta serine/threonine-protein kinase
UniProt Protein Name	RAC-beta serine/threonine-protein kinase
UniProt Gene Name	Akt2
UniProt Synonym Gene Names	PKB beta
UniProt Entry Name	AKT2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/akt2-antibody-immunohistochemistry-western-blot-elisa/289680>